



Australian Bureau of Statistics

Education Services

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Resources



Resources for Year 7

These free ABS learning resources are relevant to the year 7 classroom, including those that use CensusAtSchool data and tools. These learning resources include shorter activities as well as longer 'projects' which contain several tasks around a theme so that your students can delve deep into a topic, combined with teacher solutions and a marking rubric aligned with the Australian Curriculum.

These learning resources have been coded to provide suggested starting points for alignment with the new Australian Curriculum (AC). In order to facilitate deep learning, the AC code is provided as a link to the Content Description by learning area, matched to an appropriate learning resource. You can access a range of ABS Education Services resources including CensusAtSchool resources, through Scootle.

We welcome your feedback. We're keen to know if you recommend a learning resource to be linked to a different Content Description. Please provide your feedback via email to Education Services education@abs.gov.au or CensusAtSchool - Australia at censusatschool@abs.gov.au

Mathematics

Science

Geography

English

AC Code	Title	Resource type	Estimated time for activity	Resource includes
Mathematics				

ACMSP169	CaSQ 3A - What's the Difference Between Numerical and Categorical Data?	Quick activity	40 mins	Student worksheet Teacher solutions
ACMSP169	CaSQ 3B - Numerical Data: What's The Difference Between Discrete and Continuous?	Quick activity	40 mins	Student worksheet
ACMSP169	CaSQ 3C - Categorical Data: What's the Difference Between Nominal and Ordinal?	Quick activity	40 mins	Student worksheet
ACMSP169	CaSMa12.1 - The Golden Ratio	Assessment	90-120 mins	Student worksheet Teacher solutions Assessment rubric Random Sampler Prepared Samples Video
ACMSP169 ACMSP170	MAT 05 – Participation in Sport	Assessment	60-90 mins	Student worksheet Dataset Teacher solutions Assessment rubric
ACMSP169 ACMSP170 ACMNA158	MAT 04 – Country of Birth	Assessment	40- 60 mins	Student worksheet Teacher solutions Assessment rubric
ACMSP170	GeoQ 06A – Draw a population pyramid for Australia	Quick activity	40-60 mins	Student worksheet Dataset
ACMSP170	GeoQ 06B – Draw a population pyramid using Excel	Quick activity	60-90 mins	Student worksheet
ACMSP170	GeoQ 07 – How has Australia's population structure changed over time?	Quick activity	40-60 mins	Student worksheet
ACMSP170	GeoQ 08 – What is the distribution of population in Australia?	Quick activity	40-60 mins	Student worksheet
ACMSP170	GeoQ 11 – Which State or Territory is this?	Quick activity	40-60 mins	Student worksheet
ACMSP170	GeoQ 12 – Population Change: Growth and Decline	Quick activity	40-60 mins	Student worksheet
ACMSP170	CaSQ 8 - Stem and Leaf Plot of Travel Time	Quick activity	40 mins	Student worksheet Random Sampler
ACMSP170	CaSQ 17A - Scatter plots. Year level vs. Concentration Time	Quick activity	40 mins	Student worksheet Random Sampler

ACMSP170	CaSQ 19 - Scatterplot of Dominant and Non-Dominant Hands Reaction Time using Excel 2007/2010	Quick activity	40 mins	Student worksheet Random Sampler
ACMSP170 ACMSP070 ACMSP097 ACMSP120 ACMSP147	CaSMa05 - What Is Typical?	Assessment	90-120 mins	Student worksheet Teacher solutions Assessment rubric Random Sampler Prepared Samples
ACMSP170 ACMSP070 ACMSP097 ACMSP120 ACMSP147	CaSMa07 - Mirror, mirror...who is the sleepest of them all?	Assessment	3+ hours	Student worksheet Teacher solutions Assessment rubric Random Sampler Prepared Samples
ACMSP170 ACMSP070 ACMSP097 ACMSP120 ACMSP147	CaSMa13 - The Statistical Cycle Year 7	Assessment	90-120 mins	Student worksheet Teacher solutions Assessment rubric Random Sampler Prepared Samples
ACMSP170 ACMSP282	CaSQ 7 - Split Stem and Leaf Plot for Hours Slept	Quick activity	40 mins	Student worksheet Random Sampler
ACMSP170 ACMNA106	CasEco50 - The Ranch	Themed project	90-120 mins	Student worksheet Dataset
ACMSP171	CaSQ 1A - Mean of Belly Button Heights	Quick activity	40-60 mins	Student worksheet Random Sampler
ACMSP171	CaSQ 21 - Mean, Median and Mode of Hours Slept per Night	Quick activity	40 mins	Student worksheet Random Sampler
ACMSP171	CaSQ 26 - Calculating Mean, Median and Mode Using Excel	Quick activity	40 mins	Student worksheet Random Sampler
ACMSP172	CaSQ 33 - Do Swimmers have Longer Bodies than Runners?	Quick activity	40 mins	Student worksheet Random Sampler
ACMNA280	MATE 1 – ABS Population Clock	Extension activity	40-60 mins	Student worksheet Teacher solutions

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ACSSU222	MAT 02 – Water - Use It Wisely	Assessment	60-90 mins	Student worksheet Teacher solutions Assessment rubric
ACSSU222	GEO 02 – Water	Themed project	3+ hours	Student worksheet Map of Australia x2
ACSSU222	CaSMa11 - Environmental Graphs	Assessment	90-120 mins	Student worksheet Teacher solutions Assessment rubric Random Sampler Prepared Samples
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Geography				
ACHGK044	GEO 01 – Whatever Happened to?	Group activity	3+ hours	Map Class activity Group activities Revision worksheets
ACHGK044	GEO 05 – Population of Australian Capital Cities	Themed project	40-60 mins	Student activity Teacher solutions Map
ACHGK044	GEO 12 – Journey to School	Themed project	3+ hours	Student worksheet
ACHGK044	GEO 13 – Moving In and Moving Up	Themed project	3+ hours	Student worksheet
ACHGK044	GEO 14 – The Homeless	Themed project	3+ hours	Student worksheet
ACHGK044	GeoQ 1 – What is Australia's Population?	Quick activity	40-60 mins	Student worksheet
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English				
ACELA1528 ACELA1524	MAT 01 – Four Graphs Story	Assessment	40-60 mins	Student worksheet x4 Teacher solutions Assessment rubric
ACELA1528 ACELA1524	CasGeo30 - Water Management	Activity	90-120 mins	Student worksheet Dataset Teacher notes

ACELA1528
ACELA1524

CasEco 53 - Comparative Shopping

Group Activity

90-120 mins

Student worksheet
Dataset

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